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Part Number: [5033084210](#)
Status: **Active**
Overview: [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Description: 0.40mm Pitch SlimStack Board-to-Board, Plug, Surface Mount, Dual Row, Vertical Stacking, 0.70mm Stacking Height, 42 Circuits

Documents:
[3D Model](#) [Application Specification AS-503304-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification SPK-503308-001-001 \(PDF\)](#)
[Product Specification PS-503304-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

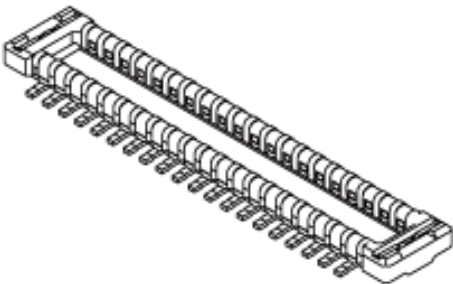
General
Product Family PCB Headers
Series [503308](#)
Application Board-to-Board, Signal
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack
UPC 883906714116

Physical
Breakaway No
Circuits (Loaded) 42
Circuits (maximum) 42
Color - Resin Black
Durability (mating cycles max) 30
Glow-Wire Capable No
Mated Height 0.70mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Gold
Net Weight 13.291/mg
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.40mm
Polarized to Mating Part No
Polarized to PCB No
Stackable No
Temperature Range - Operating -40° to +85°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 0.3A
Voltage - Maximum 50V AC/DC

Material Info

Reference - Drawing Numbers
[Application Specification AS-503304-001-001](#)
[Packaging Specification SPK-503308-001-001](#)
[Product Specification PS-503304-001-001](#)
[Sales Drawing SD-503308-001, SD-503308-002](#)



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/61/2018 (27 June 2018) Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
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Search Parts in this Series
[503308](#) Series

Mates With
SlimStack Board-to-Board Receptacle
[503304](#) , [503489](#)

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